

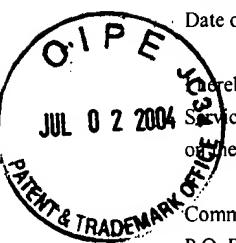
"Express Mail" Label No. EV 291376752 US

Date of Deposit: July 2, 2004

PATENT

Attorney Docket No.: 20695C-005900

Client Ref. No.: R-237.00US



I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: Janet L. Newmaker
Janet L. Newmaker

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Scheiflinger et al.

Application No.: 09/661,992

Filed: September 14, 2000

For: FACTOR IX/FACTOR IXA
ACTIVATING ANTIBODIES AND
ANTIBODY DERIVATIVES

Customer No.: 20350

Confirmation No. 8902

Examiner: Haddad, Maher M.

Art Unit: 1644

DECLARATION UNDER 37 C.F.R. 1.808

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned, Scott L. Ausenhus, attorney of record authorized to act on behalf of the Applicants and Assignee in matters relating to the subject Patent Application, does hereby declare and state that:

1. The cell line designated 98/B1, described at, *e.g.*, line 29, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on September 9, 1999, and given accession number 99090925. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 0JG, UK. The deposit was

made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit A.

2. The cell line designated 198/A1, described at, *e.g.*, line 30, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on September 9, 1999, and given accession number 99090924. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit B.

3. The cell line designated 198/BB1, described at, *e.g.*, line 30, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on September 9, 1999, and given accession number 99090926. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit C.

4. The cell line designated 193/AO, described at, *e.g.*, line 31, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121614. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit D.

5. The cell line designated 196/C4, described at, *e.g.*, line 31, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121615. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit E.

6. The cell line designated 198/D1, described at, *e.g.*, line 32, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121616. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit F.

7. The cell line designated 198/T2, described at, *e.g.*, line 33, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121617. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit G.

8. The cell line designated 198/G2, described at, *e.g.*, line 33, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121618. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit H.

9. The cell line designated 198/AC1, described at, *e.g.*, line 34, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on December 16, 1999, and given accession number 99121619. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit I.

10. The cell line designated 198/U2, described at, *e.g.*, line 34, page 23, of the above-captioned application, was deposited at the European Collection of Cell Cultures on

December 16, 1999, and given accession number 99121620. The address of the European Collection of Cell Cultures (ECACC) is Salisbury, Wiltshire, SP4 OJG, UK. The deposit was made pursuant to the provisions of the Budapest Treaty. A copy of the ECACC receipt is attached as Exhibit J.

11. The cell lines identified in paragraphs 1-10 above will be maintained at the ECACC and replaced in the event of mutation, nonviability or destruction for a period of at least five (5) years after the most recent request for release of a sample was received by ATCC, or for a period of at least thirty (30) years after the date of the deposit, or during the enforceable life of the related patent, whichever period is longer.

12. All restrictions on the availability to the public of the cell lines identified in paragraphs 1-10 above will be irrevocably removed upon the issuance of a patent from the above-captioned application.

13. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: July 2, 2004



Scott L. Ausenhus, Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (303) 571-4000
Fax: (650) 326-2422
SLA/jln

60251672 v1



ecacc
European Collection
of Cell Cultures

Centre for Applied Microbiology and Research
&
European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99090925) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 9th September 1999

P.J. Packer

Dr P J Packer,
Quality Manager, ECACC

CAMR
Today's Research
Tomorrow's Health



European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

No. FS33819

APPENDIX 3

Page 14

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

INTERNATIONAL FORM

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

198/B1

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99090925

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 9th September 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 13/00 P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT

Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99090925</p> <p>Date of the deposit or of the transfer: 9th September 1999</p>
II. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (iii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED

198/B1 - 99090925

VIABILITY TESTS COMPLETED USING THE DYE EXCLUSION METHOD (TRYPAN BLUE).

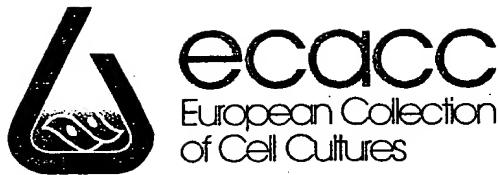
V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 1/3/00 R.J.Packer

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99090924) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 9th September 1999

D.J.P.

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



No. FS33819

APPENDIX 3

Page 14

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

INTERNATIONAL FORM

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

CLONE 198/A1

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99090924

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 9th September 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date:

P. Packer 26/11/99

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIAVIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following pageNAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM						
Name: BAXTER AG Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA	Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99090924 Date of the deposit or of the transfer: 9 th September 1999						
II. VIABILITY STATEMENT							
<p>The viability of the microorganism identified under II above was tested ¹ ². On that date, the said microorganism was on</p> <table border="0"> <tr> <td data-bbox="83 1269 176 1347"><input checked="" type="checkbox"/></td> <td data-bbox="176 1269 197 1347">³</td> <td data-bbox="197 1269 360 1347">viable</td> </tr> <tr> <td data-bbox="83 1347 176 1425"><input type="checkbox"/></td> <td data-bbox="176 1347 197 1425">³</td> <td data-bbox="197 1347 491 1425">no longer viable</td> </tr> </table>		<input checked="" type="checkbox"/>	³	viable	<input type="checkbox"/>	³	no longer viable
<input checked="" type="checkbox"/>	³	viable					
<input type="checkbox"/>	³	no longer viable					

1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).

2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.

3 Mark with a cross the applicable box.

Appendix 3

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IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED

CLONE 198/A1 - 99090924

COUNTED USING TRY PAN BLUE EXCLUSION METHOD CELL COUNT WAS 3×10^6 AND 70% Viable IN 48 HOURS.

V. INTERNATIONAL DEPOSITORY AUTHORITY

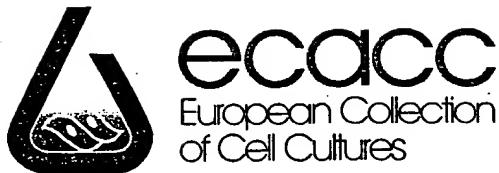
Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depositary
Authority or of authorized official(s):

Date:

P.J. Packer 26/11/99

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99090926) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 9th September 1999

P.J.Packer

Dr P J Packer,
Quality Manager, ECACC

CAMR
Today's Research
Tomorrow's Health



European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

APPENDIX 3

Page 14

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

INTERNATIONAL FORM

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

CLONE 198/BB1

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99090926

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 9th September 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date:

P.J. Packer 26/11/99

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99090926</p> <p>Date of the deposit or of the transfer: 9th September 1999</p>
II. VIABILITY STATEMENT	<p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

Appendix 3

Page 25

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED⁴

CLONE 198/BB1 - 99090926

COUNTED USING TRY PAN BLUE EXCLUSION METHOD VIABLE CELL COUNT WAS 3×10^6 AND 70% VIABLE IN 48 HOURS.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depositary
Authority or of authorized official(s):

Date: P. J. Pader 26/11/99

4 Fill in if the information has been requested and if the results of the test were negative.



ecacc
European Collection
of Cell Cultures

Centre for Applied Microbiology and Research
&
European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121614) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P J Packer

Dr P J Packer,
Quality Manager, ECACC

CAMR
Today's Research
Tomorrow's Health



European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

No. FS33819

Certificate of Analysis

Product Description **Clone 193/A0**
Accession Number **99121614**

Test Description: Cell Count, Viability and confluency of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- >2 x 10⁶ viable cells/ml
- Confluent within 2 days

Date: 13/01/00

Result:

Viable Cell Count:	6.7 x 10 ⁶ cells/ml
Percentage Viability:	78%
Confluent within:	2 days
Overall Result:	PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20395

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by.....ASL.....ECACC, Head of Quality.....24/2/00.... Date

Certificate of Analysis

Product Description **Clone 193/A0**
Accession Number **99121614**

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20395

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear).
The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20395

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *D.S.H.*ECACC, Head of Quality..... *24/2/02*..... Date

APPENDIX 3

Page 14

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 193/AO

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121614

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

 A scientific description A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00 P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

BUDAPEST TREATY ON THE INTERNATIONAL
 RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
 FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
 INDUSTRIESTRASSE 67
 1220 VIENNA
 AUSTRIA

VIABILITY STATEMENT

Issued pursuant to Rule 10.2 by the
 INTERNATIONAL DEPOSITORY AUTHORITY
 identified on the following page

NAME AND ADDRESS OF THE PARTY
 TO WHOM THE VIABILITY OF STATEMENT
 IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121614</p> <p>Date of the deposit or of the transfer: 16th December 1999</p>
II. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested ¹ on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).

2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.

3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED ⁴

99121614 - HYBRIDOMA CLONE 193/A0

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPON BLUE EXCLUSION METHOD.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Address:	Dr P J Packer ECACC CAMR Porton Down Salisbury Wiltshire SP4 0JG	Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official(s): Date: 23/3/00 P.J.Packer
-------------------	---------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121615) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P J Packer

Dr P J Packer,
Quality Manager, ECACC

CAMR
Today's Research
Tomorrow's Health



European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

Certificate of Analysis

Product Description **Clone 196/C4**
Accession Number **99121615**

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- >2 x 10⁶ viable cells/ml
- Confluent within 2 days

Date: 13/01/00

Result:

Viable Cell Count:	4.7 x 10 ⁶ cells/ml
Percentage Viability:	70%
Confluent within:	2 days
Overall Result:	PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20392

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..........ECACC, Head of Quality...24/2/02... Date

Certificate of Analysis

Product Description **Clone 196/C4**
Accession Number **99121615**

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20392

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear).
The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20392

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by.....*HSJ*.....ECACC, Head of Quality.....*24.12.00*..... Date

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 196/C4

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121615

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00 P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121615</p> <p>Date of the deposit or of the transfer: 16th December 1999</p>
III. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested on ¹ ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED ⁴

99121615 - HYBRIDOMA CLONE 196/C4

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPON BLUE EXCLUSION METHOD.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 25/3/00 P.J.Packer

⁴ Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121616) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P.J.Packer

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



No. FS33819

Certificate of Analysis

Product Description **Clone 198/D1**
Accession Number **99121616**

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- >2 x 10⁶ viable cells/ml
- Confluent within 2 days

Date: 13/01/00

Result:

Viable Cell Count:	6.3 x 10 ⁶ cells/ml
Percentage Viability:	55%
Confluent within:	2 days
Overall Result:	PASS (With a deviation, grows really well within 48 hours)

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20393

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by.....*RJSh*.....ECACC, Head of Quality.....*24/2/00*.. Date

Certificate of Analysis

Product Description
Accession Number

Clone 198/D1
99121616

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20393

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear).
The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20393

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *PSL*ECACC, Head of Quality..... Date

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 198/D1

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121616

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00

P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121616</p> <p>Date of the deposit or of the transfer: 16th December 1999</p>
II. VIABILITY STATEMENT	<p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>

1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).

2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.

3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED

99121616 - HYBRIDOMA CLONE 198/D1

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPON BLUE EXCLUSION METHOD.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depositary
Authority or of authorized official(s):

Date: 23/3/00 P-J Packer

4 Fill in if the information has been requested and if the results of the test were negative.



ecacc
European Collection
of Cell Cultures

Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121617) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P.J.Packer

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



No. FS33819

Certificate of Analysis

Product Description
Accession Number

Clone 198/T2
99121617

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- >2 x 10⁶ viable cells/ml
- Confluent within 2 days

Date: 13/01/00

Result:

Viable Cell Count:	1.4 x 10 ⁷ cells/ml
Percentage Viability:	69%
Confluent within:	2 days
Overall Result:	PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20391

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *R.J.H.*ECACC, Head of Quality..... *24/2/00*..... Date

Certificate of Analysis

Product Description
Accession Number

Clone 198/T2
99121617

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20391

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear). The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20391

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *MS Hale*ECACC, Head of Quality....24/2/00.... Date

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 198/T2

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121617

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00 P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIAVIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following pageNAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
Name: BAXTER AG Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA	Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121617 Date of the deposit or of the transfer: 16 th December 1999
II. VIABILITY STATEMENT	<p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED

99121617 - HYBRIDOMA CLONE 198/T2

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPON BLUE EXCLUSION METHOD.

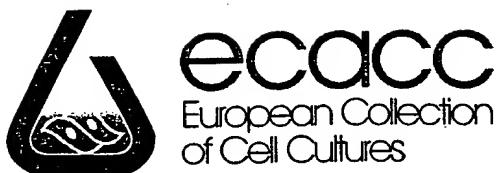
V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 23/3/00 P.J.Packer

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121618) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P J Packer

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



Certificate of Analysis

Product Description CLONE 198/G2
Lot Number 99121618

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- >2 x 10⁶ viable cells/ml
- Confluent within 2 days

Date: 12/01/00

Result:

Viable Cell Count:	3.4 x 10 ⁶ cells/ml
Percentage Viability:	74%
Confluent within:	2 days
Overall Result:	PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20576

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... ECACC, Head of Quality..... 10/3/00..... Date

Certificate of Analysis

Product Description CLONE 198/G2
Lot Number 99121618

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20576

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear).
The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20576

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *PSH*ECACC, Head of Quality..10/3/08..... Date

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 198/G2

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121618

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00 P.J.Packer

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

APPENDIX 3

Page 24

**BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE**

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121618</p> <p>Date of the deposit or of the transfer: 16th December 1999</p>
II. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED

99121618 - HYBRIDOMA CLONE 198/G2

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPSIN BLUE EXCLUSION METHOD.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 23/3/00 P.J.Packer

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121619) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P.J. Packer

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



Certificate of Analysis

Product Description **Clone 198/AC1**
Accession Number **99121619**

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
- $>2 \times 10^6$ viable cells/ml
- Confluent within 2 days

Date: 13/01/00

Result:

Viable Cell Count:	1.3×10^7 cells/ml
Percentage Viability:	78%
Confluent within:	2 days
Overall Result:	PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20394

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by.....*R.J.H.*.....ECACC, Head of Quality.....*24/7/00*.... Date

Certificate of Analysis

Product Description **Clone 198/AC1**
Accession Number **99121619**

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20394

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear). The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20394

Date: 07/02/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... *P.J.H.*ECACC, Head of Quality..... *24/2/00*..... Date

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 198/AC1

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121619

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: 23/3/00 PJP

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
<p>Name: BAXTER AG</p> <p>Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA</p>	<p>Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121619</p> <p>Date of the deposit or of the transfer: 16th December 1999</p>
II. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested on ¹ ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED⁴

99121619 - HYBRIDOMA CLONE 198/AC1

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPON BLUE EXCLUSION METHOD.

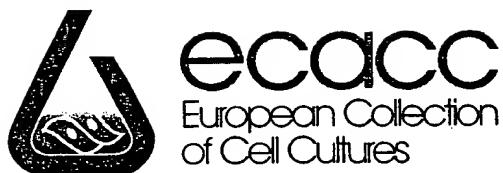
V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 23/3/00 P.J.Packer

4 Fill in if the information has been requested and if the results of the test were negative.



Centre for Applied Microbiology and Research & European Collection of Cell Cultures

This document certifies that Cell Culture
(Deposit Ref. 99121620) has been accepted as a patent deposit,
in accordance with
The Budapest Treaty of 1977,
with the European Collection of Cell Cultures on 16th December 1999

P J Packer

Dr P J Packer,
Quality Manager, ECACC

European Collection of Cell Cultures, Centre for Applied Microbiology & Research
Salisbury, Wiltshire SP4 0JG, UK.

Tel: +44 1980 612512 Fax: +44 1980 611315
E.Mail: ecacc@camr.org.uk Web Site: www.camr.org.uk

CAMR
Today's Research
Tomorrow's Health



No. FS33819

Certificate of Analysis

Product Description **CLONE 198/U2**
Lot Number **99121620**

Test Description: Cell Count, Viability and confluence of cells on resuscitation from frozen.

Acceptance Criterion/Specification: were judged acceptable if they meet the following criteria:

- >70% viable cells
 - $>2 \times 10^6$ viable cells/ml
 - Confluent within 2 days

Date: 12/01/00

Result:

Viable Cell Count: 5.4×10^6 cells/ml
Percentage Viability: 89%
Confluent within: 2 days
Overall Result: PASS

Test Description: The Detection of Mycoplasma by Isolation on Mycoplasma Pig Serum Agar and in Mycoplasma Horse Serum Broth.
SOP QC/MYCO/01/02

Acceptance Criterion/Specification: All positive controls (*M. pneumoniae* & *M. orale*) must show evidence of mycoplasma by typical colony formation on agar plates. Broths are subcultured onto Mycoplasma Pig Serum Agar where evidence of mycoplasma by typical colony formation is evaluated. All negative control agar plates must show no evidence of microbial growth.

The criteria for a positive test result is evidence of mycoplasma by typical colony formation on agar. A negative result will show no such evidence.

Test Number: 20575

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... ECACC, Head of Quality..... Date

Page 1 of 2

Certificate of Analysis

Product Description CLONE 198/U2
Lot Number 99121620

Test Description: Detection of Mycoplasma using a Vero indicator cell line and Hoechst 33258 fluorescent detection system.
SOP QC/MYCO/07/05

Acceptance Criterion/Specification: The Vero cells in the negative control are clearly seen as fluorescing nuclei with no cytoplasmic fluorescence. Positive control (*M. orale*) must show evidence of mycoplasma as fluorescing nuclei plus extra nuclear fluorescence of mycoplasma DNA. Positive test results appear as extra nuclear fluorescence of mycoplasma DNA. Negative results show no cytoplasmic fluorescence.

Test Number: 20575

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Test Description: Detection of bacteria and fungi by isolation on Tryptone Soya Broth (TSB) and in Fluid Thioglycollate Medium (FTGM). SOP QC/BF/01/02

Acceptance Criterion/Specification: All positive controls (*Bacillus subtilis*, *Clostridium sporogenes* and *Candida albicans*) show evidence of microbial growth (turbidity) and the negative controls show no evidence of microbial growth (clear).
The criteria for a positive test is turbidity in any of the test broths. All broths should be clear for negative test result.

Test Number: 20575

Date: 06/03/00

Result:

Positive Control:	Positive
Negative Control:	Negative
Test Result:	Negative
Overall Result:	PASS

Authorised by..... ECACC, Head of Quality.... 30/5/00.. Date

IV. CONDITIONS UNDER WHICH THE VIABILITY TEST HAS BEEN PERFORMED⁴

99121620 - HYBRIDOMA CLONE 198/U2

CELLS WERE RESUSCITATED AND COUNTED ACCORDING TO THE TRYPSIN BLUE EXCLUSION METHOD.

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer
ECACC CAMR
Address: Porton Down
Salisbury
Wiltshire
SP4 0JG

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):

Date: 30/5/00 P.J.P.

⁴ Fill in if the information has been requested and if the results of the test were negative.

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

INTERNATIONAL FORM

NAME AND ADDRESS
OF DEPOSITOR

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

HYBRIDOMA CLONE 198/U2

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

99121620

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

A scientific description

A proposed taxonomic designation

(Mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository Authority accepts the microorganism identified under I above,
which was received by it on 16th December 1999 (date of the original deposit)¹

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International
Depository Authority on (date of the original deposit) and
A request to convert the original deposit to a deposit under the Budapest Treaty
was received by it on (date of receipt of request for conversion)

IV. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Dr P J Packer

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized officials(s):

Address: ECACC
CAMR
Porton Down
Salisbury SP4 0JG

Date: *PSH* 30/5/00

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired

**BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE**

INTERNATIONAL FORM

TO

BAXTER AG
INDUSTRIESTRASSE 67
1220 VIENNA
AUSTRIA

VIABILITY STATEMENT
Issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

NAME AND ADDRESS OF THE PARTY
TO WHOM THE VIABILITY OF STATEMENT
IS ISSUED

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
Name: BAXTER AG Address: INDUSTRIESTRASSE 67 1220 VIENNA AUSTRIA	Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: 99121620 Date of the deposit or of the transfer: 16 th December 1999
II. VIABILITY STATEMENT <p>The viability of the microorganism identified under II above was tested on ². On that date, the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

- 1 Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most relevant date (date of the new deposit or date of the transfer).
- 2 In the cases referred to in Rule 10.2 (a) (ii) and (iii), refer to the most recent viability test.
- 3 Mark with a cross the applicable box.